

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051157.D
 Acq On : 20 Nov 2021 21:20
 Operator : CG/JU
 Sample : M4758-29
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP15

Quant Time: Nov 22 01:27:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

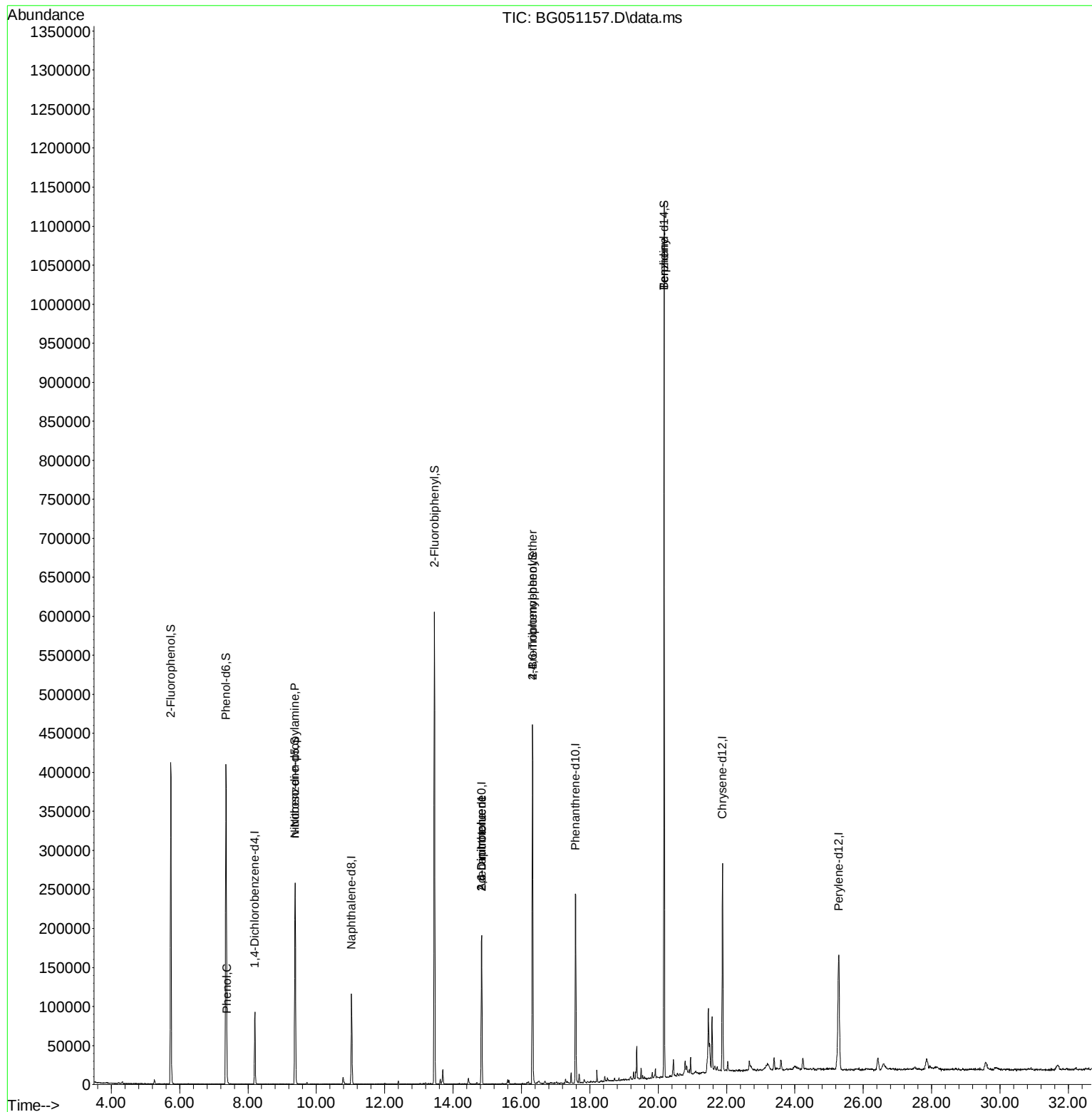
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	25781	20.00	ng	# 0.00
21) Naphthalene-d8	11.028	136	105712	20.00	ng	# 0.00
39) Acenaphthene-d10	14.836	164	68367	20.00	ng	0.00
64) Phenanthrene-d10	17.585	188	157596	20.00	ng	# 0.00
76) Chrysene-d12	21.880	240	166724	20.00	ng	# 0.00
86) Perylene-d12	25.276	264	164048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	183458	110.00	ng	0.00
7) Phenol-d6	7.356	99	239034	101.76	ng	0.00
23) Nitrobenzene-d5	9.377	82	167729	72.43	ng	0.00
42) 2,4,6-Tribromophenol	16.322	330	76799	105.69	ng	0.00
45) 2-Fluorobiphenyl	13.455	172	303366	66.96	ng	0.00
79) Terphenyl-d14	20.170	244	534425	58.60	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.385	94	4984	2.07	ng	87
19) n-Nitroso-di-n-propyla...	9.377	70	22674	13.08	ng	# 70
51) 2,6-Dinitrotoluene	14.836	165	9178	8.34	ng	# 10
57) 2,4-Dinitrotoluene	14.836	165	9178	5.82	ng	# 15
67) 4-Bromophenyl-phenylether	16.322	248	5862	3.44	ng	# 1
77) Benzidine	20.170	184	9071	3.31	ng	# 92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

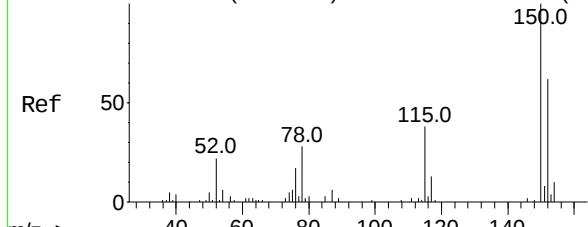
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
Data File : BG051157.D
Acq On : 20 Nov 2021 21:20
Operator : CG/JU
Sample : M4758-29
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP15

Quant Time: Nov 22 01:27:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration



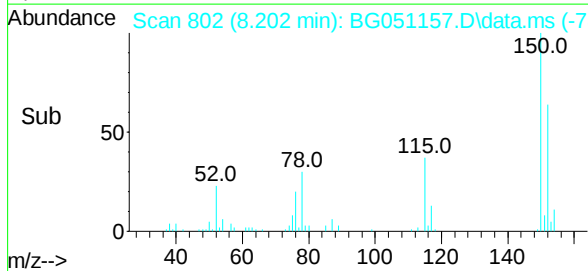
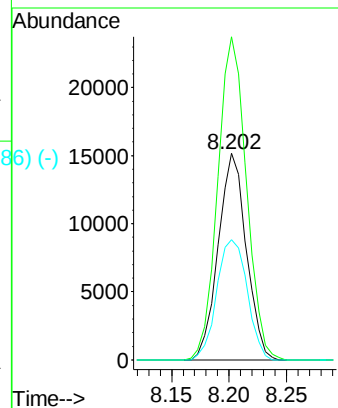
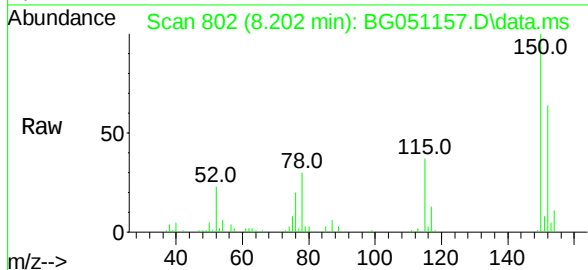
Abundance Scan 804 (8.211 min): BG051122.D\data.ms (-796) #1



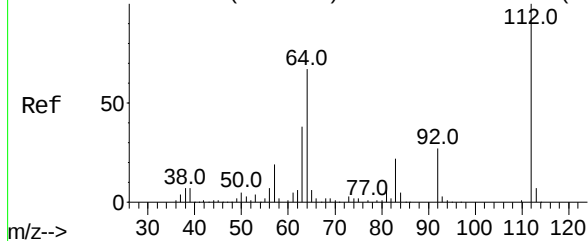
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.202 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG051157.D
Acq: 20 Nov 2021 21:20

Instrument :
BNA_G
ClientSampleId :
TP15

Tgt Ion:152 Resp: 25781
Ion Ratio Lower Upper
152 100
150 156.5 119.4 179.0
115 58.1 60.2 90.4#

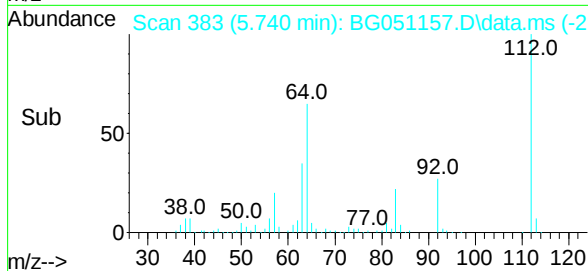
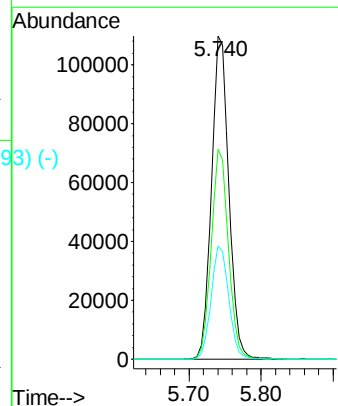
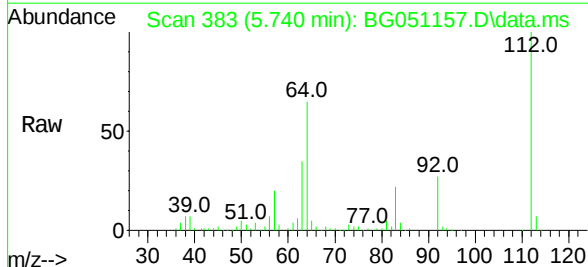


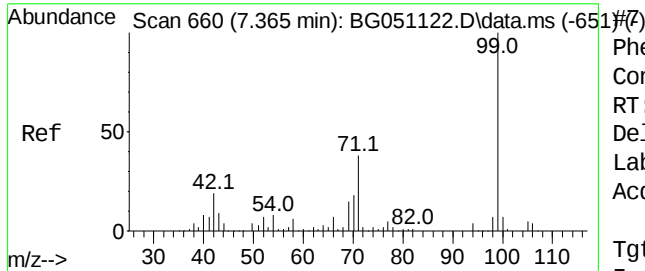
Abundance Scan 384 (5.743 min): BG051122.D\data.ms (-377) #5



2-Fluorophenol
Concen: 110.00 ng
RT: 5.740 min Scan# 383
Delta R.T. -0.003 min
Lab File: BG051157.D
Acq: 20 Nov 2021 21:20

Tgt Ion:112 Resp: 183458
Ion Ratio Lower Upper
112 100
64 65.0 46.7 70.1
63 35.0 35.3 52.9#

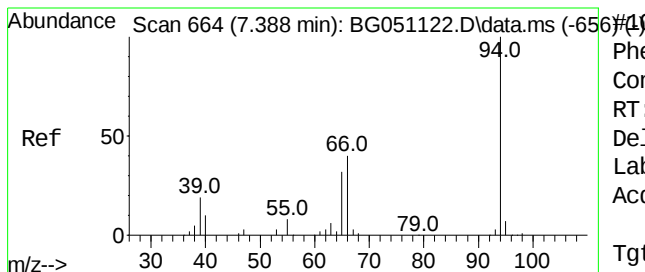
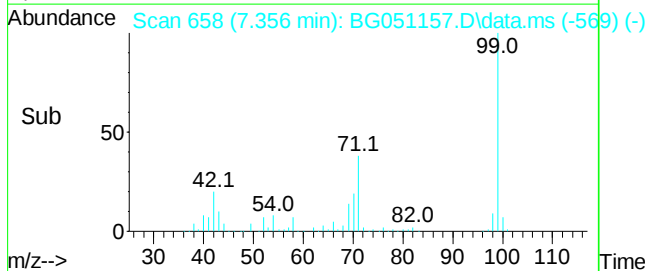
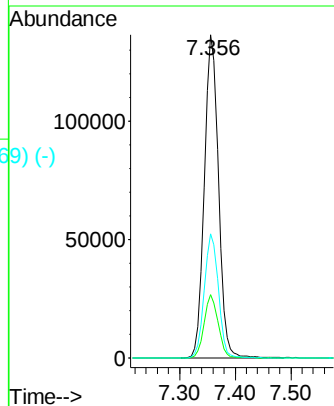
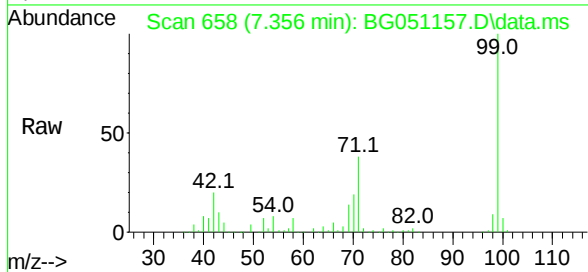




Phenol-d6
 Concen: 101.76 ng
 RT: 7.356 min Scan#
 Delta R.T. -0.009 min
 Lab File: BG051157.D
 Acq: 20 Nov 2021 21:20

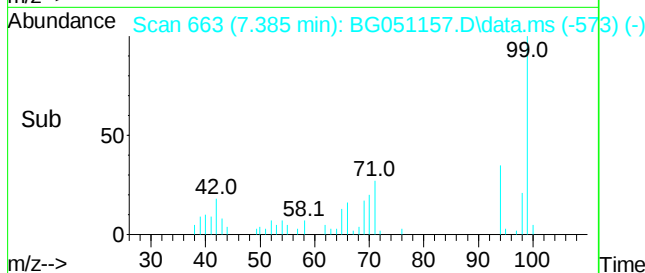
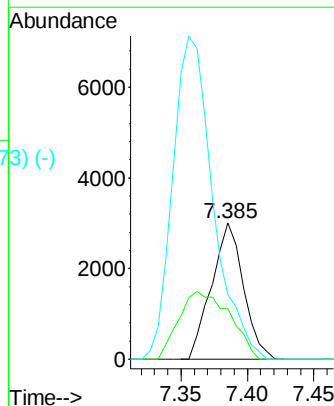
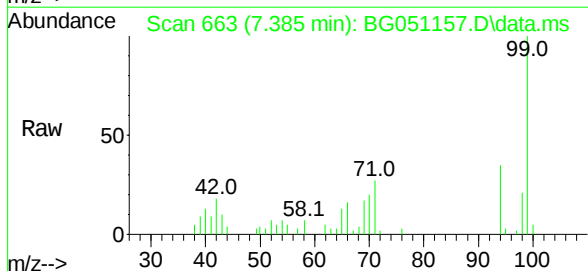
Instrument :
 BNA_G
 ClientSampleId :
 TP15

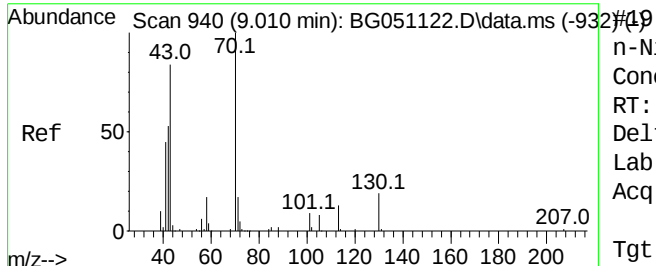
Tgt Ion:	99	Resp:	239034
Ion	Ratio	Lower	Upper
99	100		
42	19.5	20.5	30.7#
71	38.5	41.5	62.3#



Phenol
 Concen: 2.07 ng
 RT: 7.385 min Scan# 663
 Delta R.T. -0.003 min
 Lab File: BG051157.D
 Acq: 20 Nov 2021 21:20

Tgt Ion:	94	Resp:	4984
Ion	Ratio	Lower	Upper
94	100		
65	36.9	12.9	52.9
66	47.6	39.4	79.4

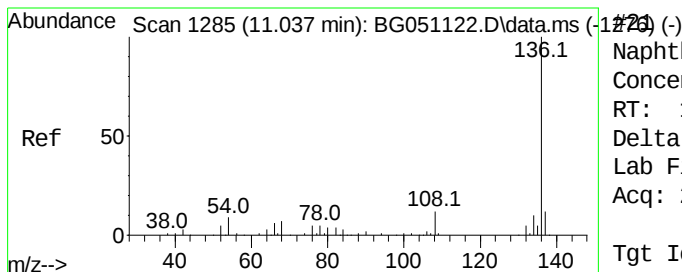
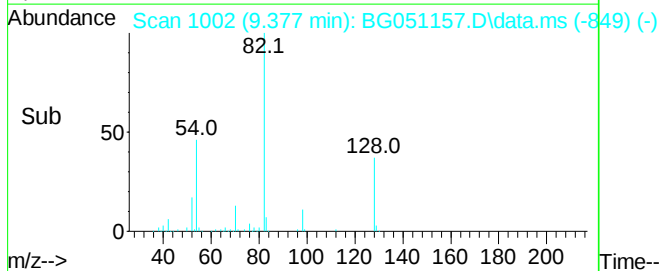
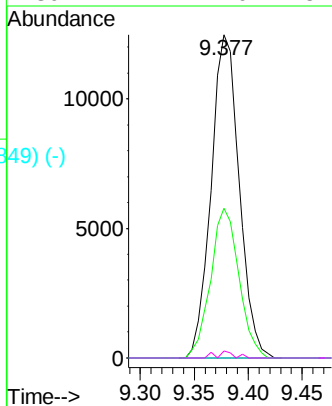
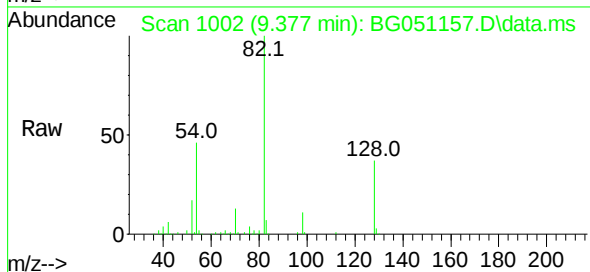




n-Nitroso-di-n-propylamine
 Concen: 13.08 ng
 RT: 9.377 min Scan# 1
 Delta R.T. 0.367 min
 Lab File: BG051157.D
 Acq: 20 Nov 2021 21:20

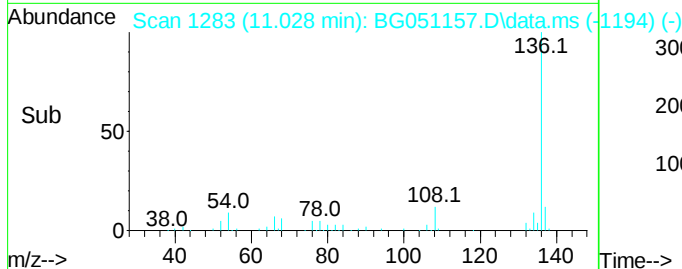
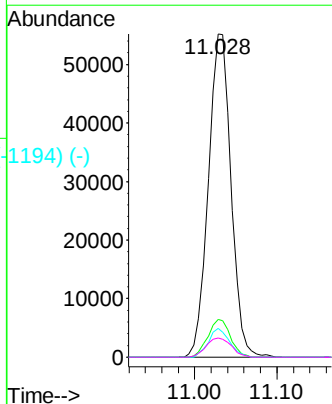
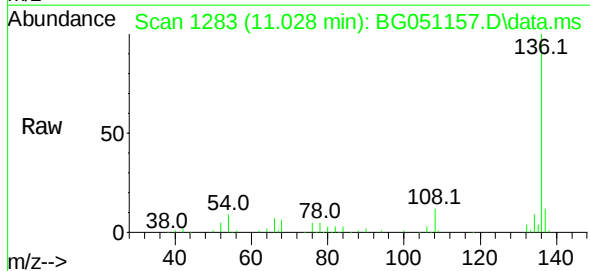
Instrument :
 BNA_G
 ClientSampleId :
 TP15

Tgt Ion:	70	Resp:	22674
Ion	Ratio	Lower	Upper
70	100		
42	46.4	54.5	81.7#
101	0.0	9.0	13.6#
130	2.1	17.0	25.6#



Naphthalene-d8
 Concen: 20.00 ng
 RT: 11.028 min Scan# 1283
 Delta R.T. -0.009 min
 Lab File: BG051157.D
 Acq: 20 Nov 2021 21:20

Tgt Ion:	136	Resp:	105712
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.2
54	8.9	5.5	8.3#
68	6.0	2.3	3.5#



Abundance Scan 1004 (9.386 min): BG051122.D\data.ms (-99623)

Nitrobenzene-d5

Concen: 72.43 ng

RT: 9.377 min Scan#

Delta R.T. -0.009 min

Lab File: BG051157.D

Acq: 20 Nov 2021 21:20

Instrument :

BNA_G

ClientSampleId :

TP15

Tgt Ion: 82 Resp: 167729

Ion Ratio Lower Upper

82 100

128 37.3 29.8 44.6

54 46.5 45.8 68.8

Abundance Scan 1002 (9.377 min): BG051157.D\data.ms

Ref

50

40.0 54.0 68.0 82.1 98.1 112.1 128.0

m/z-->

Abundance

Raw

50

40.0 54.0 68.0 82.1 98.1 112.0 128.0

m/z-->

Abundance Scan 1002 (9.377 min): BG051157.D\data.ms (-913) (-)

Sub

50

40.0 54.0 68.0 82.1 98.1 112.0 128.0

m/z-->

Abundance

80000

60000

40000

20000

0

9.30 9.40 9.50

Time-->

Abundance Scan 1932 (14.838 min): BG051122.D\data.ms (-1929)

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.836 min Scan# 1931

Delta R.T. -0.002 min

Lab File: BG051157.D

Acq: 20 Nov 2021 21:20

Tgt Ion:164 Resp: 68367

Ion Ratio Lower Upper

164 100

162 109.2 81.4 122.0

160 45.7 34.9 52.3

Abundance Scan 1931 (14.836 min): BG051157.D\data.ms

Ref

50

54.0 80.0 100.1 132.0 162.1

m/z-->

Abundance

Raw

50

54.0 80.0 100.0 132.1 162.1

m/z-->

Abundance Scan 1931 (14.836 min): BG051157.D\data.ms (-1841) (-)

Sub

50

54.0 80.0 100.0 132.1 162.1

m/z-->

Abundance

40000

30000

20000

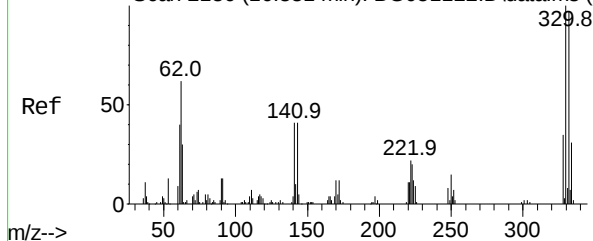
10000

0

14.80 14.90

Time-->

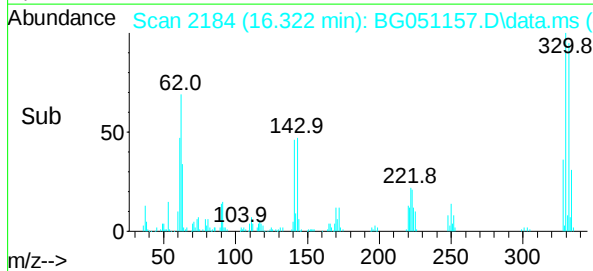
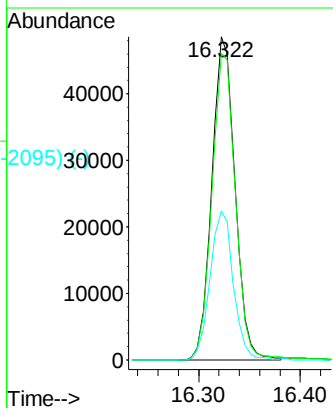
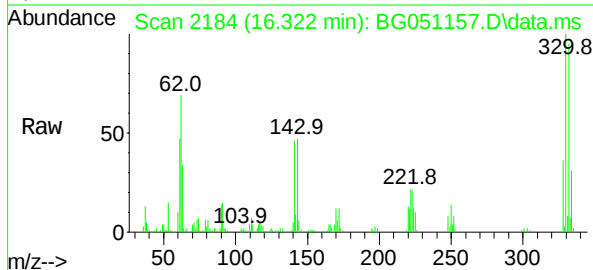
Abundance Scan 2186 (16.331 min): BG051122.D\data.ms (-2174) (-)



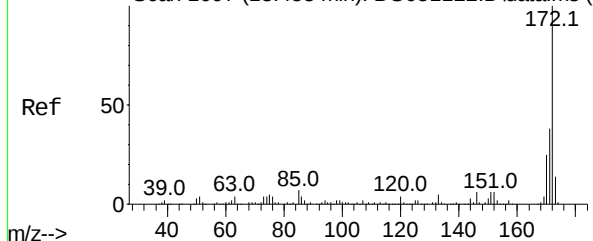
2,4,6-Tribromophenol
Concen: 105.69 ng
RT: 16.322 min Scan# 2186
Delta R.T. -0.009 min
Lab File: BG051157.D
Acq: 20 Nov 2021 21:20

Instrument :
BNA_G
ClientSampleId :
TP15

Tgt Ion:	330	Resp:	76799
Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	46.5	35.6	53.4

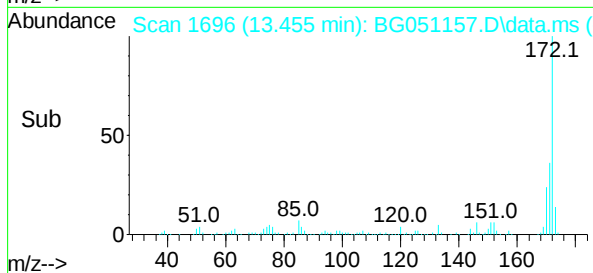
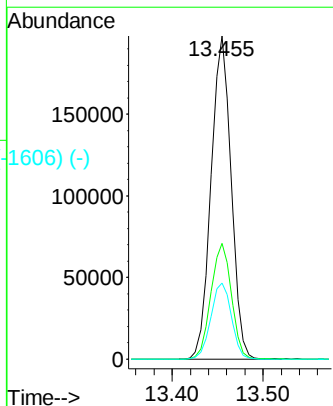
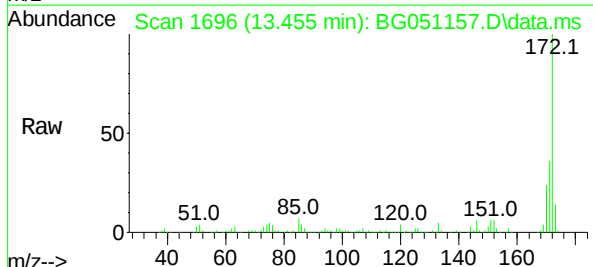


Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1695) (-)

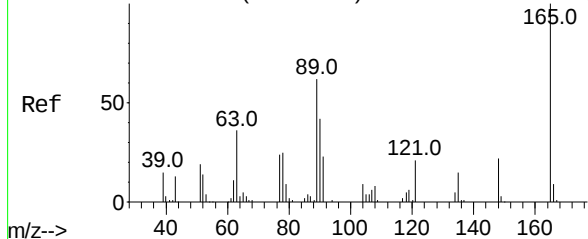


2-Fluorobiphenyl
Concen: 66.96 ng
RT: 13.455 min Scan# 1696
Delta R.T. -0.003 min
Lab File: BG051157.D
Acq: 20 Nov 2021 21:20

Tgt Ion:	172	Resp:	303366
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.6	18.6	27.8



Abundance Scan 1860 (14.415 min): BG051122.D\data.ms (-1752) (-)



2,6-Dinitrotoluene

Concen: 8.34 ng

RT: 14.836 min Scan# 1931

Delta R.T. 0.420 min

Lab File: BG051157.D

Acq: 20 Nov 2021 21:20

Instrument :

BNA_G

ClientSampleId :

TP15

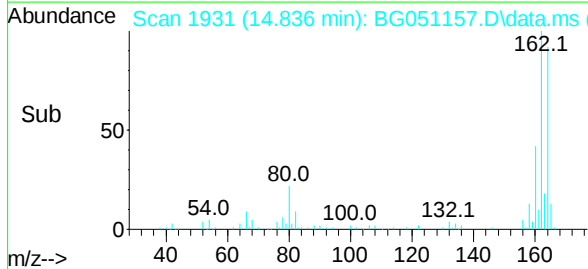
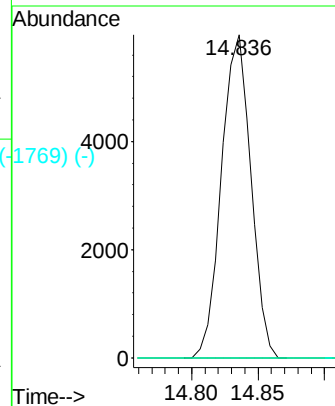
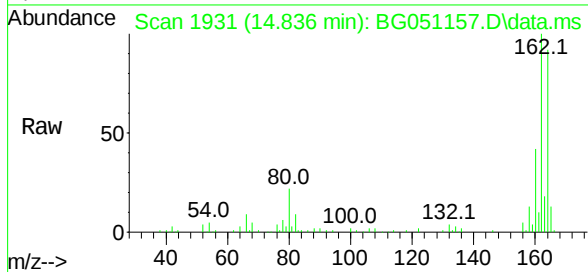
Tgt Ion:165 Resp: 9178

Ion Ratio Lower Upper

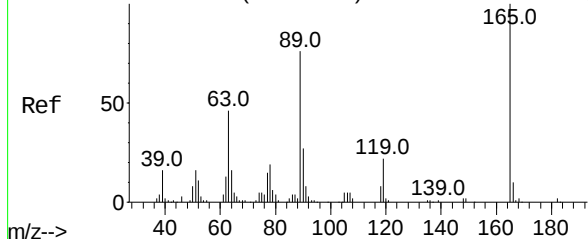
165 100

63 0.0 63.3 94.9#

89 0.0 63.4 95.0#



Abundance Scan 1994 (15.203 min): BG051122.D\data.ms (-1957) (-)



2,4-Dinitrotoluene

Concen: 5.82 ng

RT: 14.836 min Scan# 1931

Delta R.T. -0.367 min

Lab File: BG051157.D

Acq: 20 Nov 2021 21:20

Tgt Ion:165 Resp: 9178

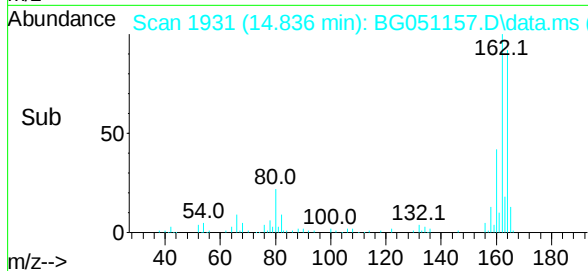
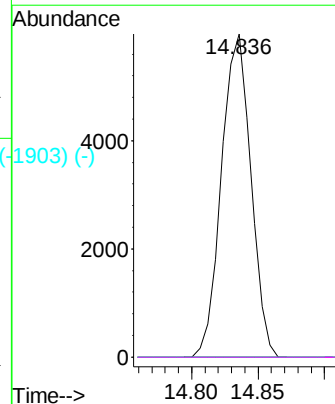
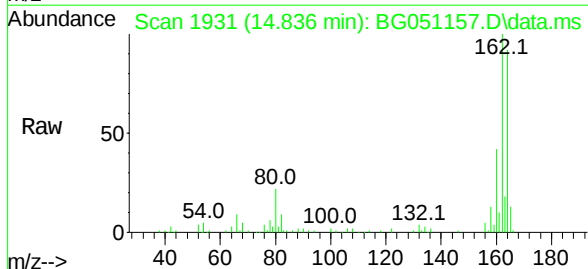
Ion Ratio Lower Upper

165 100

63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



Abundance Scan 2400 (17.588 min): BG051122.D\data.ms (-2392) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.585 min Scan# 2184

Delta R.T. -0.003 min

Lab File: BG051157.D

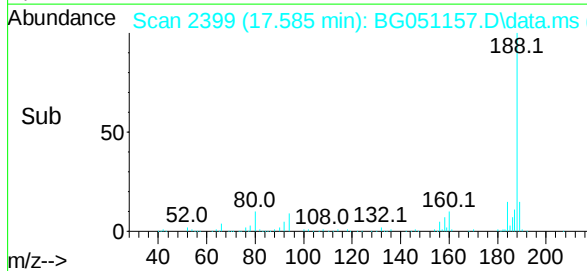
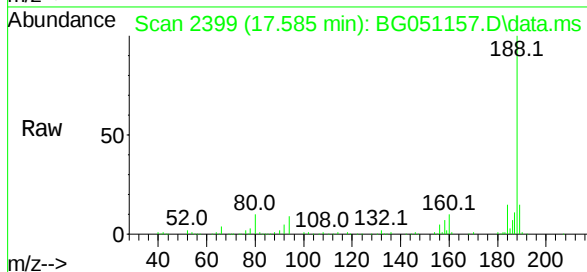
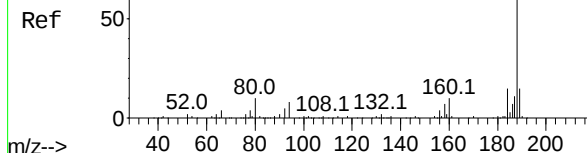
Acq: 20 Nov 2021 21:20

Instrument :

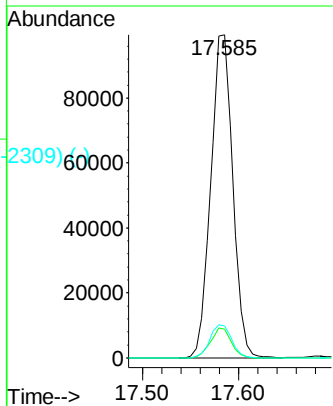
BNA_G

ClientSampleId :

TP15



Tgt Ion:	188	Resp:	157596
Ion Ratio	Lower	Upper	
188	100		
94	8.9	5.4	8.0#
80	10.0	3.7	5.5#



Abundance Scan 2259 (16.760 min): BG051122.D\data.ms (-2367) (-)

4-Bromophenyl-phenylether

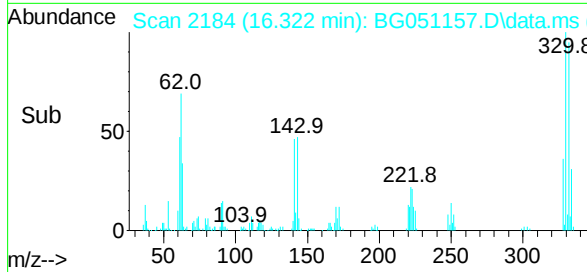
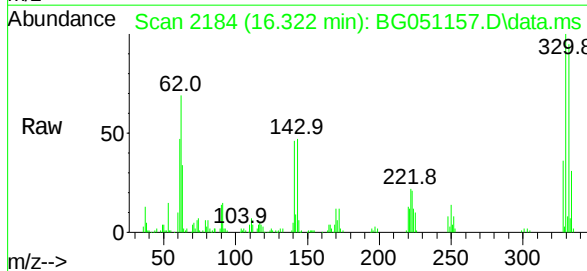
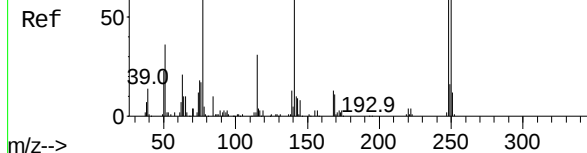
Concen: 3.44 ng

RT: 16.322 min Scan# 2184

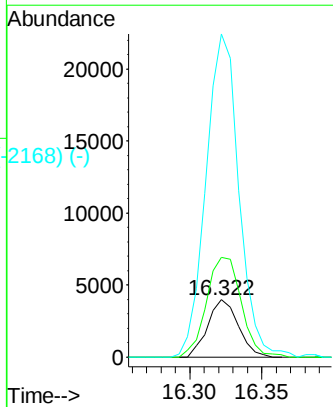
Delta R.T. -0.438 min

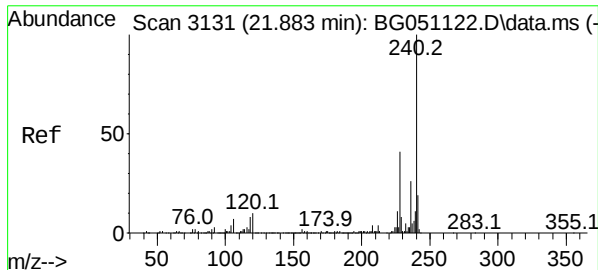
Lab File: BG051157.D

Acq: 20 Nov 2021 21:20



Tgt Ion:	248	Resp:	5862
Ion Ratio	Lower	Upper	
248	100		
250	173.6	76.1	114.1#
141	563.2	65.4	98.2#

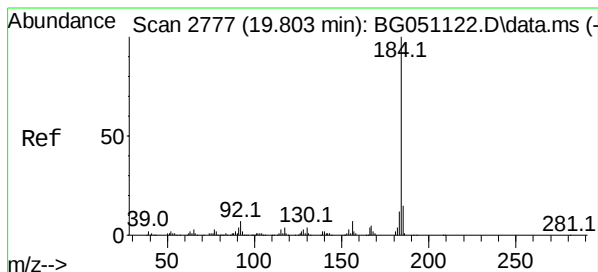
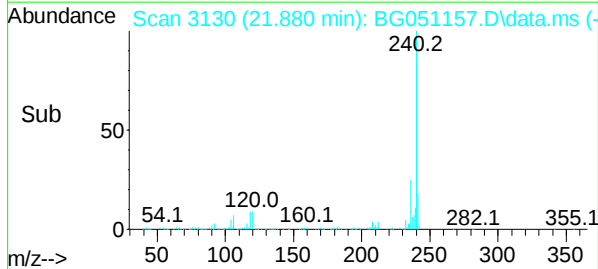
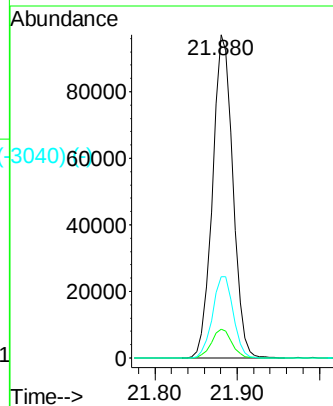
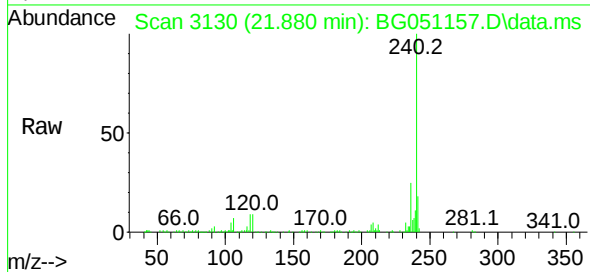




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.880 min Scan# 3131
 Delta R.T. -0.003 min
 Lab File: BG051157.D
 Acq: 20 Nov 2021 21:20

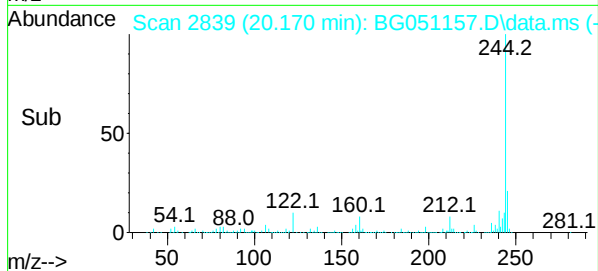
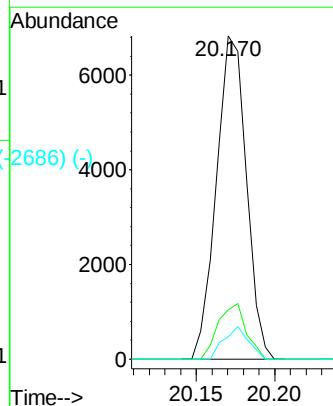
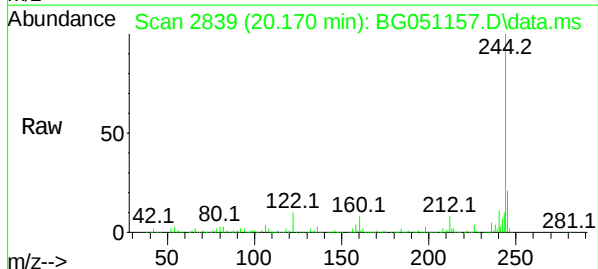
Instrument :
 BNA_G
 ClientSampleId :
 TP15

Tgt Ion:240 Resp: 166724
 Ion Ratio Lower Upper
 240 100
 120 8.9 4.2 6.2#
 236 25.2 21.8 32.6



Benzidine
 Concen: 3.31 ng
 RT: 20.170 min Scan# 2839
 Delta R.T. 0.367 min
 Lab File: BG051157.D
 Acq: 20 Nov 2021 21:20

Tgt Ion:184 Resp: 9071
 Ion Ratio Lower Upper
 184 100
 185 15.3 10.7 16.1
 183 6.9 9.4 14.0#



Abundance Scan 2840 (20.173 min): BG051122.D\data.ms (-2749) (-)

Terphenyl-d14

Concen: 58.60 ng

RT: 20.170 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG051157.D

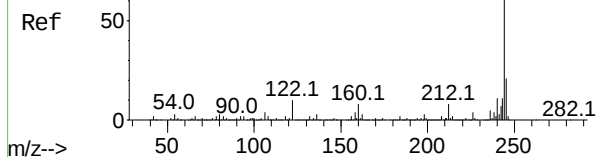
Acq: 20 Nov 2021 21:20

Instrument :

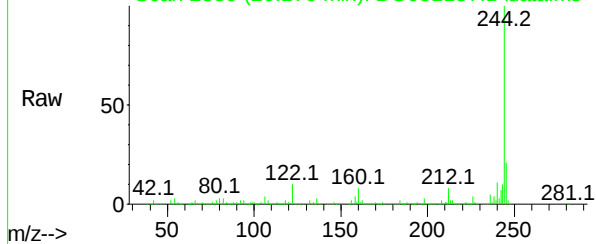
BNA_G

ClientSampleId :

TP15



Abundance Scan 2839 (20.170 min): BG051157.D\data.ms



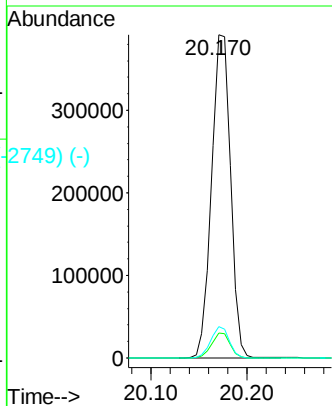
Tgt Ion:244 Resp: 534425

Ion Ratio Lower Upper

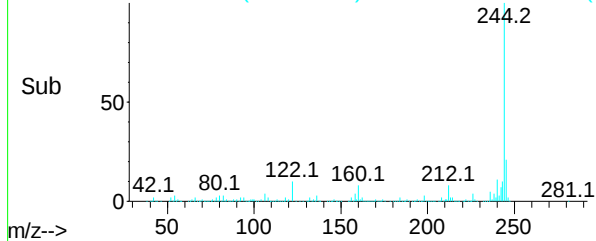
244 100

212 7.6 6.9 10.3

122 9.7 5.0 7.6#



Abundance Scan 2839 (20.170 min): BG051157.D\data.ms (-2749) (-)



Abundance Scan 3709 (25.279 min): BG051122.D\data.ms (-3696) (-)

Perylene-d12

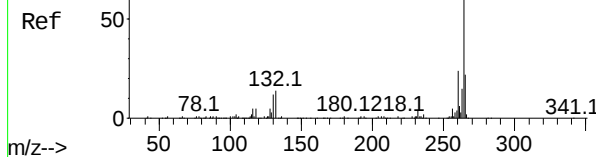
Concen: 20.00 ng

RT: 25.276 min Scan# 3708

Delta R.T. -0.003 min

Lab File: BG051157.D

Acq: 20 Nov 2021 21:20



Tgt Ion:264 Resp: 164048

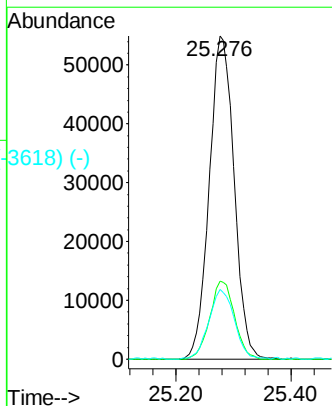
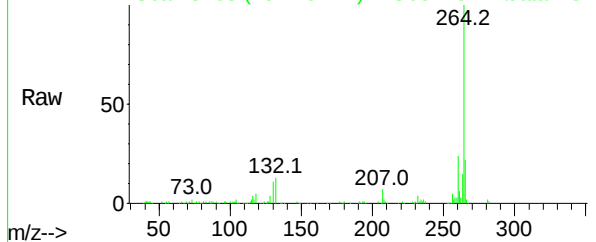
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.6 16.9 25.3

Abundance Scan 3708 (25.276 min): BG051157.D\data.ms



Abundance Scan 3708 (25.276 min): BG051157.D\data.ms (-3618) (-)

